

Scout Report sent out

Noted in the NID File

Location map pinned

Approval or Disapproval Letter

Date Completed, P. & A, or  
operations suspended

Pin changed on location map

Affidavit and Record of A & P

Water Shut-Off Test

Gas-Oil Ratio Test

Well Log Filed



☒ IN UNIT

2-9-60 PE



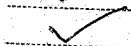
P & H on 5-19-61

FILE NOTATIONS

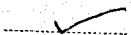
Entered in NID File



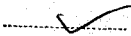
Entered On S R Sheet



Location Map Pinned



Card Indexed



IWR for State or Fee Land



Checked by Chief

\_\_\_\_\_

Copy NID to Field Office

\_\_\_\_\_

Approval Letter



Disapproval Letter

\_\_\_\_\_

COMPLETION DATA:

Date Well Completed

2/9/60

Location Inspected

✓ VAC

GW



WW

TA

Bond released

GW

OS

PA

State of Fee Land

\_\_\_\_\_

LOGS FILED

Driller's Log

3/4/60

Electric Logs (No. )

3

E

I

E-I



GR

GR-N

Micro

(2)

Lat

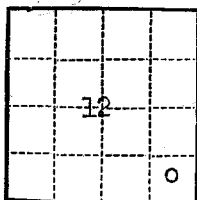
Mi-L

Sonic



Others

\_\_\_\_\_



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office \_\_\_\_\_  
Lease No. U-04819  
Unit \_\_\_\_\_

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 23, 1959, 19\_\_

Bluff Bench Unit  
Well No. 12 is located 670 ft. from ~~N~~S line and 760 ft. from ~~E~~W line of sec. 12  
SESE Section 12      40S      21E      SLM  
( $\frac{1}{4}$  Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)  
Bluff Bench      San Juan      Utah  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft. 4637' ungraded ground.

## DETAILS OF WORK

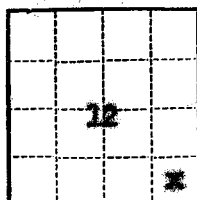
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Rotary drilling equipment will be used to drill to approximately 5720' to the Paradox C Zone. Surface Casing: Approximately 200' of 8-5/8" OD or 7" OD casing cemented to the surface. Production String: Required amount of 4-1/2" OD of 2-7/8" OD cemented with required amount of cement. Drill Stem Tests: All oil and gas shows will be tested. Mud Program: Conventional gel mud. Electric logs etc will be run before setting casing or abandonment. Stimulation treatments such as acidizing or fracturing may be employed in completion.

Location off center due to terrain features.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Carter Oil Company  
Production Department  
Address Box 3082  
Durango, Colorado  
By B M Bradley  
B M Bradley  
Title District Superintendent



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office \_\_\_\_\_  
Lease No. U-04819  
Unit Bluff Bench Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<u>Casing Report</u>	<u>XX</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 16, 19 60

Bluff Bench Unit

Well No. 12 is located 670 ft. from XXX [S] line and 760 ft. from E [XX] line of sec. 12

SE SE Section 12  
(1/4 Sec. and Sec. No.)

40S  
(Twp.)

21E  
(Range)

SLM  
(Meridian)

Bluff Bench  
(Field)

San Juan  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the derrick floor above sea level is 4644 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 12-3-59.

Ran 6 jts., 188' of 7" 23#, J-55 Surface Casing and set at 197'. Cemented with 170 sacks cement.

Ran 176 jts., 5747' of 4-1/2" OD 9.5#, J-55 Production Casing and set at 5726'. Cemented with 85 sacks cement.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Humble Oil & Refining Company - Carter Division

Address P. O. Box 3082

Durango, Colorado

By COPY (ORIGINAL SIGNED) B. M. BRADLEY  
B. M. Bradley  
Title Dist. Supt.

COMPANY THE CARTER OIL COMPANY

Well Name & No. BLUFF BENCH, Well # 12

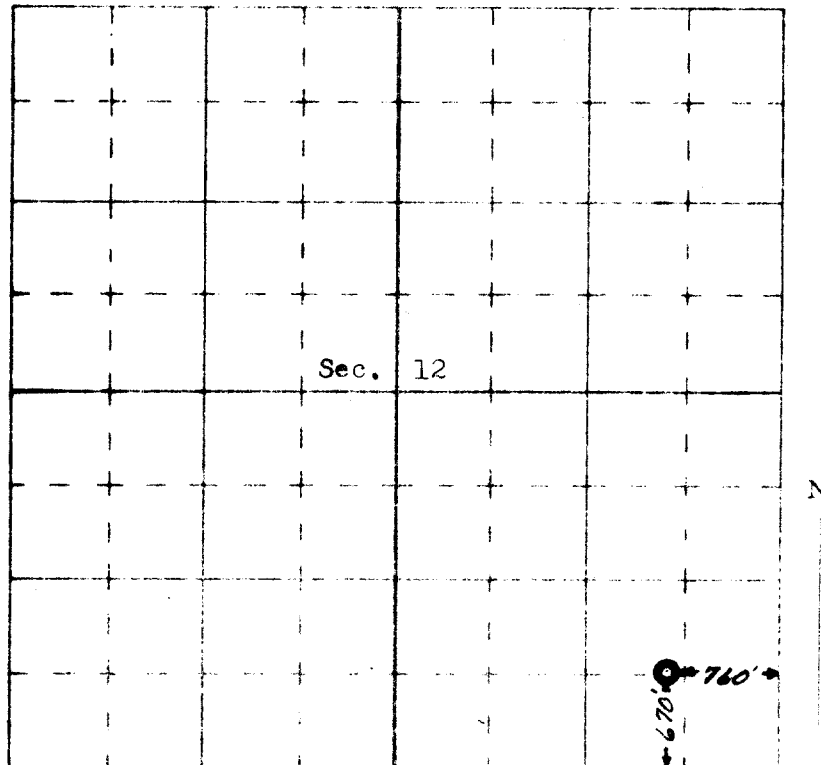
Lease No.

Location 670' FROM THE SOUTH LINE & 760' FROM THE EAST LINE

Being in NE SE SE

Sec. 12, T40 S R 21 E, S. L. M., San Juan County, Utah

Ground Elevation 4637' ungraded ground



Scale 4 inches equals 1 mile

Surveyed 21 November

19 59

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

*James P. Leese*

Registered Land Surveyor.

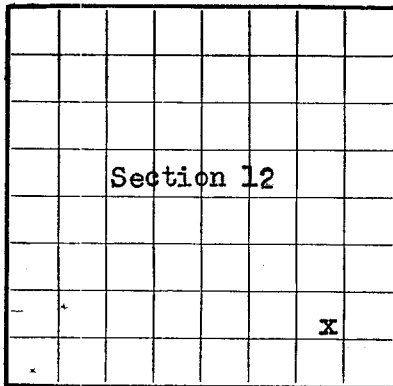
James P. Leese

Utah Reg. No. 1472

SAN JUAN ENGINEERING CO., FARMINGTON, NEW MEXICO

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

State Capitol Building  
Salt Lake City 14, Utah



To be kept Confidential until \_\_\_\_\_  
(Not to exceed 4 months after filing date)

## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Humble Oil & Refining Company

Operating Company Carter Division Address P. O. Box 3082, Durango, Colorado

Lease or Tract Bluff Bench Unit Field Wildcat State Utah

Well No. 12 Sec. 12 T. 40S R. 21E Meridian SIM County San Juan

Location 670 ft. N. of S Line and 760 ft. W. of E Line of Section 12 Elevation 4644  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed \_\_\_\_\_

Date March 1, 1960

B. M. Bradley

Title Dist. Supt.

The summary on this page is for the condition of the well at above date.

Commenced drilling December 3, 19 59 Finished drilling to TD: January 8, 19 60  
Completed: February 9, 1960

### OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5382 to 5409 (G) No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from 5495 to 5534 No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from 5643 to 5682 No. 6, from \_\_\_\_\_ to \_\_\_\_\_

### IMPORTANT WATER SANDS

No. 1, from None to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

### CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
7	23	8	J-55	188	Baker	None	-	-	-
4-1/2	9.5	8	J-55	5747	Baker	None	5660	5666	Production
							5670	5676	Production
Note: (1) These zones were tested but are not producing at present. They are above the production packer.							5507	5514	Test (1)
							5381	5389	Test (1)
							5398	5410	Test (1)

### MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7	197	170	Halliburton	-	-
4-1/2	5726	85	Halliburton	-	-

### PLUGS AND ADAPTERS

Leaving plug Material Length Depth set  
Adapters—Material Size

### SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

### TOOLS USED

Rotary tools were used from Surface feet to 5751 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from None feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

### DATES

March 1, \_\_\_\_\_, 19 60 Put to producing February 8, \_\_\_\_\_, 19 60

The production for the first 24 hours was 87 barrels of fluid of which 54 <sup>41</sup>% was oil; - %  
emulsion; 46 % water; and - % sediment. Gravity, °Bé. 41° API

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_ Est. GOR - 200:1

### EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

### FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	252	252	Bluff Sandstone.
252	321	69	Summerville.
321	460	139	Entrada
460	515	75	Carmel
515	948	433	Navajo Sandstone.
948	1076	148	Kayenta
1076	1412	336	Wingate
1412	2126	714	Chinle
2126	2474	348	Mossback
2474	4420	1946	Cutler-Rico
4420	5544	1024	Upper Hermosa
5544	5751	207	Paradox.
ELECTRIC LOG TOPS			

[OVER]

At the end of complete Driller's Log,  
add Geologic Tops. State whether  
from Electric Logs or samples.

## HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

NO GORES CUT.

DST #1: 5224-5488'. Tool open 2 hours. Opened with good blow, remained steady throughout test. Gas to surface in 25 minutes, too small to measure. Recovered 250' free oil, 420' highly oil & gas cut mud, 290' gassy salt water. ISIP 2110# in 1 hr.; IFP 160#; FFP 340#; FSIP 2080# in 2 hrs; HP 2710#.

DST #2: 5623-5751'. Tool open 2 hours. Good blow throughout test, gas to surface in 40 minutes, too small to measure. Recovered 215' HOCM, trace oil, 30' HOCM. IHP 2800#; ISIP 2155# in 1 hr; FFP 130#; FFP 55#; FSIP 2170# in 2 hrs; FHP 2790#.

DST #3: 5360-5415'. Tool open 2 hrs, gas to surface in 15 minutes, too small to measure. Recovered 450' gas cut mud, slight trace oil in top 30'. ISIP 1115# in 1 hr; FFP 155#; FSIP 1160# in 2 hrs; IHP 2645#; FHP 2600#.

COMPLETION SUMMARY: Ran log, found cement top at 4850'. Perforated 4-1/2" casing 5660-5666' & 5670-5676' with 2 shots per foot. Washed with 200 gal MCA, displaced out and spotted 100 gal XFW on perforations and soaked for 4 hrs., swabbed back. Treated with 2400 gal XFW, flushed with 24 bbls crude. Max & Min press 6000#, injection rate 7.2 bbls/min. Recovered load oil & acid water and swabbed 24 hours. Recovered 55 bbls oil & 4 bbls water.

Pulled tubing, set bridge plug at 5535' and perforated 5507-14' with 2 holes/ft. Spotted 200 gal MCA, soak 1 hr., reversed out, then spotted 100 gal XFW & soaked 4 hrs. Treated with 1400 gal XFW, max press 6000#, min press 5500#, inj. rate 6 bbl/min. Swabbed back load oil & acid water. Swabbed for 5 hours, recovered 5 bbls oil & 22 bbls water.

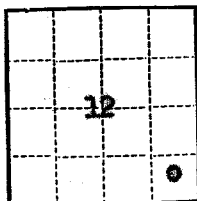
Pulled tubing & packer, set bridge plug at 5435'. Perforated 5381-89' & 5398-5410' with 2 holes per foot. Spotted 200 gal MCA, wash for 1 hr., displaced out, spotted 100 gal XFW, soak 4 hrs., swabbed back. Treated with 2400 gal XFW @ 6000# then dropped 30 Nylon Balls and followed with 1600 gal XFW @ 6000#. Swabbed for 9 1/2 hrs., did not recover all of load and acid water. Pulled tubing, cleaned out to 5680'. Ran tubing and set packer at 5656', to produce perforations 5660-66' & 5670-76'. Ran pump & rods. Set pumping unit & tank. Put well on pump on 2-8-60 and during first 24 hours, pumping through open tubing, produced 47 bbls oil & 40 bbls water. Well completed 2-9-60.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **SLO**  
Lease No. **U-04819**  
Unit **Bluff Bench Unit**



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	

To Release Packer & Comingle A<sub>2</sub> & B Zone Production

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 18, 1960, 19

Bluff Bench Unit  
Well No. **12** is located **670** ft. from **N** line and **760** ft. from **E** line of sec. **12**  
**SE SE Section 12** **40S** **21E** **S1M**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Bluff Bench** **San Juan** **Utah**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **4644** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD 5751'; PBD 5686'. - Packer set at 5656', presently producing from perforations 5660-66 & 5670-76', Paradox B Zone.

To release packer set at 5656' and attempt to increase production by producing both Paradox B Zone perforations 5660-66 5670-76' and Hermosa A<sub>2</sub> Zone perforations 5507-14 and 5381-89 & 5398-5410'.

March daily average production approx 16 BO per day, present producing rate approx 12 BO per day.

See attached letter for additional information.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **HUMBLE OIL & REFINING CO., CARTER DIVISION**  
**Box 3082**  
Address **Durango, Colorado**

COPY (ORIGINAL SIGNED) **H. J. FLATT**  
By **H. J. Flatt**  
Title **District Engineer**

awr  
RLL

HUMBLE OIL & REFINING COMPANY  
CARTER DIVISION

Box 3082  
Durango, Colorado  
April 18, 1960

Mr. Jerry Long  
District Engineer, U. S. G. S.  
Box 1809  
Durango, Colorado

Dear Sir:

Attached is a standard request form soliciting permission to commingle production on the Humble Operated Bluff Bench Unit No. 12 well located in SE SE Section 12-T-40S, R-21E, S1M, San Juan County, Utah.

Economic considerations prompt this request. As noted, the subject well is currently averaging twelve barrels of oil per day. At this producing rate, the well is near its economic limit, a situation where operating costs equal or exceed revenue from production. It is anticipated that permission to commingle will allow continued economic operation and also provide basic information necessary for a timely evaluation of reservoir potential in this area.

Thank you for your consideration in this matter.

Very truly yours,

B. M. BRADLEY

COPY (ORIGINAL SIGNED) H. J. FLATT

By: H. J. Flatt

EMB:HJF:jrc

Attach.

cc: C. B. Feight ✓  
Salt Lake City, Utah

JK

## LEASE PLAT &amp; PIPE LINE DATA

DIV. NO. \_\_\_\_\_ BLOCK NAME \_\_\_\_\_ LEASE NO. \_\_\_\_\_

LESSOR \_\_\_\_\_

TOTAL ACCUMULATED INTEREST \_\_\_\_\_

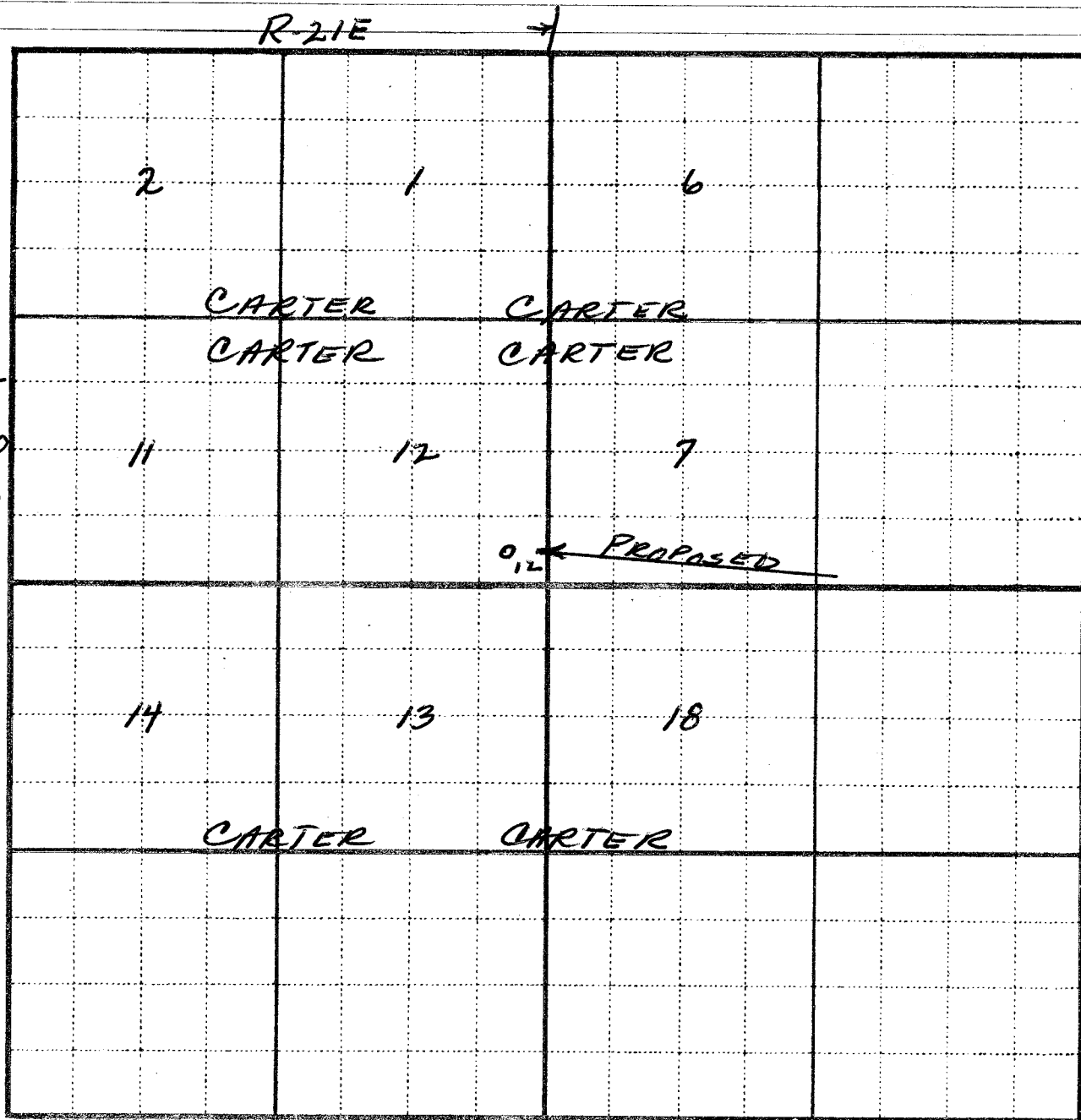
STATE UTAH COUNTY SAN JUAN SEC 12 T 40S R 21E ACRES \_\_\_\_\_

DESCRIPTION AND INTEREST: \_\_\_\_\_

THE CARTER Oil Co.PROPOSED LOCATION - BLUFF BENCH #12

IF USED FOR PIPE LINE DIAGRAM — PLEASE SUPPLY THE FOLLOWING INFORMATION

Total Length and Size of Pipe Laid \_\_\_\_\_ Pipe Transferred From \_\_\_\_\_  
 Total Length and Size of Pipe Taken Up \_\_\_\_\_ Pipe Transferred to \_\_\_\_\_  
 Depth Buried \_\_\_\_\_ Painted \_\_\_\_\_ Screw, Welded or Coupled \_\_\_\_\_ List Fittings (on back of this sheet if necessary)  
 Date \_\_\_\_\_ District \_\_\_\_\_ Farm or Plant \_\_\_\_\_  
 Signed \_\_\_\_\_  
 (Mail to Engineering Department - Tulsa)



When used as 1/4" Section Scale, 1" = 400'

When used as Section Scale, 1" = 800'

When used as 4 Sections Scale, 1" = 1600'

Place check mark after scale used.

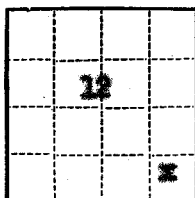
Plat made by \_\_\_\_\_ Date \_\_\_\_\_

1/2" Base Map \_\_\_\_\_ Date \_\_\_\_\_

Plat Book (Pend.) \_\_\_\_\_ Date \_\_\_\_\_ (Comp.) \_\_\_\_\_ Date \_\_\_\_\_

Block Map (Pend.) \_\_\_\_\_ Date \_\_\_\_\_ (Comp.) \_\_\_\_\_ Date \_\_\_\_\_

Block Map Tr. (Pend.) \_\_\_\_\_ Date \_\_\_\_\_ (Comp.) \_\_\_\_\_ Date \_\_\_\_\_



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-E358.4.  
Approval expires 12-31-60.

Land Office **SIC**  
Lease No. **U-04619**  
Unit **Bluff Bench Unit**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
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NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	XX
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 16, 19 61

Bluff Bench Unit

Well No. **12** is located **670** ft. from **XX** line and **760** ft. from **E** line of sec. **12**

**SE SE Section 12** **LOS** **21E** **SLM**

(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

**Bluff Bench** **San Juan** **Utah**

(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **4644** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD 5751'.

Well has been plugged and abandoned as follows: Squeezed 12 sacks cement into perforations at 5580-5680'. Cement plugs 1570-1470', 19 sacks; 250-150, 21 sacks; and 30' to surface with 8 sacks. Intervals between plugs filled with mud. Regulation dry hole marker cemented in top of surface casing. 4-1/2" casing cut and pulled at 1520'. Location has been cleaned, pits filled and is ready for inspection.

Verbal approval secured from Mr. Jerry Long, by Mr. Harold Farris, to change location of cement plugs and point where pipe was cut. Free-point ran on casing and found to be stuck below 1520'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Humble Oil & Refining Company**

Address **P. O. Box 3082,**

**Durango, Colorado**

By **COPY (ORIGINAL SIGNED) B. M. BRADLEY**  
**B. M. Bradley**  
Title **Dist. Supt.**



**COMMISSIONERS**

**C. R. HENDERSON**  
CHAIRMAN  
**M. V. HATCH**  
**C. S. THOMSON**  
**E. W. CLYDE**  
**W. G. MANN**

EXECUTIVE SECRETARY  
**C. B. FEIGHT**

**THE STATE OF UTAH**  
**OIL & GAS CONSERVATION COMMISSION**

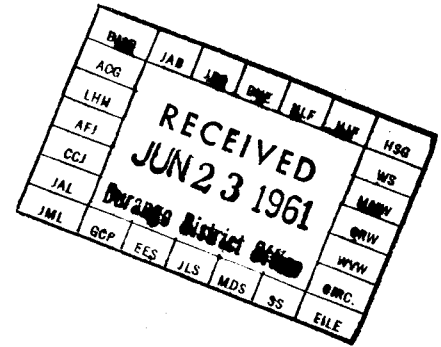
310 NEWHOUSE BUILDING  
10 EXCHANGE PLACE  
SALT LAKE CITY 11

**PETROLEUM ENGINEERS**

**ROBERT L. SCHMIDT**  
CHIEF ENGINEER  
SALT LAKE CITY

**H. L. COONTS**  
BOX 266  
MOAB, UTAH

June 22, 1961



Humble Oil & Refining Company  
P. O. Box 3082  
Durango, Colorado

Attn: B. M. Bradley, Dist. Supt.

Gentlemen:

We would like to thank you for the Subsequent Reports of Abandonment you furnished us for Wells No. Bluff Bench Unit 4, Bluff Bench Unit 8 and Bluff Bench Unit 12. However, no specific plugging and abandoning date was entered on these records.

We would very much appreciate your sending us the above mentioned information for said three wells.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

*Ann W. Glines*  
ANN W. GLINES,  
RECORDS CLERK

AWC Dates for abandoning the above wells are as follows:  
Bluff Bench Unit # 4 - June 3, 1961  
Bluff Bench Unit # 8 - May 27, 1961  
Bluff Bench Unit # 12 - May 19, 1961

Humble Oil & Refining Company  
June 23, 1961